Crop management practices need to be improved to reduce losses from grain drying and post-harvest losses. Improving the crop water regime and managing weeds can significantly reduce these losses. Effective crop management can also improve grain quality.

Choice of Variety

Understanding the variety's adaptation to the local environment and climate is crucial. Varieties with high yield potential and good grain quality, such as G. Sharma and P. Mishra, should be selected.

POST-HARVEST MANAGEMENT AND ITS IMPORTANCE

A Farmers’ Guide to Proper Storage and Improving Out Turn Ratio

How to reduce grain breakage during milling?

1. In addition, the quality of the packaging material and machine quality are also important. Optimal packaging material reduces breakage during storage. Use high-quality packaging materials.

2. Another important factor is the temperature and humidity control during storage. Ensure that the storage environment is properly controlled to prevent breakage from moisture and temperature extremes.

3. Regular inspection of the grain storage facility is essential. Check for any damage to the grain and take necessary actions to prevent breakage.

Why do grains break during raw milling?

Grain breakage during milling is caused by the mechanical stresses applied during the milling process. It can be reduced by optimizing the milling parameters and using high-quality grain.

Some strategies include:

- Using high-quality grain with uniform size and shape.
- Optimizing the milling conditions, such as pressure and speed.
- Enhancing the design of the milling equipment to reduce breakage.

A Farmers’ Guide to Proper Storage and Improving Out Turn Ratio

The long grain rice is very suitable for making broken rice due to its lower breakage during milling. For the broken rice market, the broken rice is milled with lower milling pressure to achieve the desired broken rice quality.

The broken rice market is a niche market where demand is high for broken rice products. By focusing on the production of broken rice, farmers can diversify their income and increase their profitability.

Conclusion

A proper understanding of the grain quality, choice of variety, and effective post-harvest management are crucial for achieving high-quality rice. By following these strategies, farmers can improve their rice production and increase their profits.